

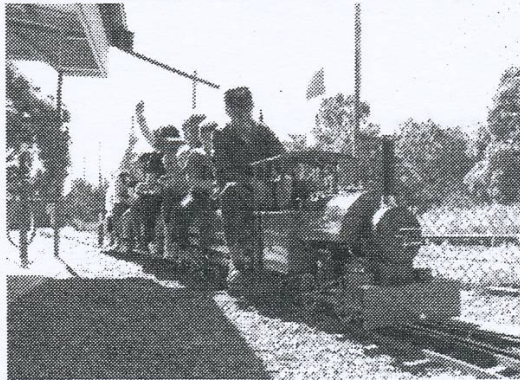


**SOUTH AUSTRALIAN SOCIETY OF MODEL
& EXPERIMENTAL ENGINEERS**

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**The Official Journal of
The South Australia Society of
Model & Experimental Engineers Inc.**

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(This bulletin is issued for information only)

In Memory

On our post Convention run day Tuesday 7th April 2015 Grant Tunn, one of our newer members suffered a heart attack at SASMEE Park, was conveyed to hospital by ambulance but later succumbed to another heart attack. Grant had achieved his loco drivers license that morning, was a stalwart on the 71/4 station for many months and an active member. Jackie Monteodorisio and Bryan Homan provided first aid until the ambulance arrived.

Jul-September Calendar

Public Field Days

Sunday	7 th June 2015
Saturday	20 th June 2015
Sunday	5 th July 2015
Saturday	18 th July 2015
Sunday	2 nd August 2015
Saturday	15 th August 2015
Sunday	6 th September 2015
Saturday	19 th September 2015

Working Bees

Wednesdays	9-00 AM til 1-00PM
Saturdays	1-00PM til 4-00 PM (Except Field Days)

Public Field Day Sunday 1st March 2015

A very pleasant 29⁰C heralded the start of Autumn. The attendance by the public was lower than usual but then we were competing with the Clipsal 500, the Fringe and the

Adelaide festival. In all 272 people attended so that queues for rides were small multiple rides the order of the day.

Forty four members attended with 13 locos, 14 boats and 5 O/G gauge trains. A pretty good turnout. The canteen was served by Jackie Monteodorisio, Shirley Mundi, Toni Offler, and Margaret Coxon. Bruce Smith and Greg Weaver served the 7 1/4 station with David Walton, Len Redway, Jeff Schaefer and John Foster sharing the 5 inch station attendant duties. Duty Safety Officer was Josh Driscoll and Mark Coxon took the cash in the ticket office. Keeping the steam up in the steam house were Ralph Ollerenshaw, John Weidenhofer, Bernie Dickenson and Austin Stranger. Many thanks to all the helpers.

7 1/4 Locos

Owner Driver

351 Club Loco	Arron Winter
Dolgoch (steam)	Barry Dunstan
5037 Black Five	Allan Wallace
Highlander (steam)	
BHP Billiton 6067	Matt Leslie
Koppel (Steam)	Bob Nash/ John Mere

5" and 3 1/2" Locos

Owner/Driver

Jack & Junior.	John Monteodorisio
Kitson Meyer (Steam)	Graham Drisco
Kingjoy Simplex (Steam)	Kingsley Martin
456 Gresley (Steam)	Bryan Homan

LNER B1 1088 (Steam)	Terry Trezise
NER 910 (Steam)	Bob Smith
Scooby Doo	Trevor Hill
Steeple Cab 239	Michael Moyse

Boats	Owner
--------------	--------------

MV Treglison	Michael Priest
Jamie H	Michael Priest
PS Adelaide (Steam)	Stan Shelton
Duck	John Shelton
Twister	John Shelton
Paddle Steamer	Malcolm Ambler
Firefly Skimmer	Jeff During
Cruiser	Jeff During
Perkassa PTB	Stan Shelton
Wave Rider	John Shelton
Elke Trawler	John Beal
Borkum Steam Launch	Alf Payne
Air/Sea Rescue Launch	Michael Offler

Garden Gauge Loco	Owner
--------------------------	--------------

No. 22 T19	Ben Chandler
------------	--------------

C19 346

Ben Chandler

Live Steam Loco

Max Shuard

Egg Liner

Jack O'donohoe

Clockwork Loco

Jack O'donohoe

WP GP9

Brad Cottle

Public Field day Saturday 21 March 2015

What a glorious autumn day. A great crowd of over 550 people through the gate, including eight parties, some of up to 60 people. Eleven locos, four G/O gauge and nine boats kept the visitors occupied all afternoon. Highlight of the day was Allan Wallace's new 71/4" Black Five pulling four carriages with a total of 30 people on board. We had 43 members present.

Members assisting with making a great afternoon were:

Gate

Toni Offler

assisted by Andrew Christopherson.

Duty Safety Officer

Ian Foster

Steam House

Ralph Ollerenshaw,
John Weidenhofer, Bernie Dickenson
and Austin Stranger.

5" Station Milton Smith and Gerry Turner.

71/4" station Bruce Smith and Grant Tunn.

Canteen. JackieMonteodorisio,
Jill Smith, Dawn Schaefer and Shirley Mundi.
Many thanks to all helpers.

Locomotives

71/4" Locos

Owner/ Operator

Black Five (Steam)

Allan Wallace

Josephine (Steam)

Grant Belton

Diesel 351

SASMEE/ Aaron
Winter

5" Locos

Owner/ Operator

Kitson Meyer (Steam)

Graeme Driscoll

Simplex Kingjoy (Steam)

Kingsley Martin

Jabiru (Steam)

John

Monteodorisio

Steeple Cab 239

Michael Moyse

900

Bob smith

42215

Malcolm Ambler

Daisy

Michael Offler

Apprentice

SASMEE/Josh
Driscoll

O/G Gauge Locos

Owner/Operator

ECRED (Steam)

Max Shuard

762 2-4-2

Max Shuard

MSS 0-4-0

Max Shuard

Steeple

John

Monteodorisio

Boats

Name	Owner/Operator
Dragonfly airboat	John Foster
Firefly Skimmer	Jeff During
Waterjet	Jeff During
Naval Cruiser	Jeff During
Pride of Firth trawler	Bob Smith
Treglison Freighter	Michael Priest
HMAS Bendigo	Allan Saunders
Perkasa MTB	Stan Shelton
Speed Boat	Stan Shelton

Public Field Day 5th April 2015-04-12

Falling in the middle of Easter and with the Convention at Penfield we expected a quiet day with many of our members occupied by the Convention activities. Public attendance exceeded 300 which was very pleasing considering the holiday period and other activities occurring over the weekend. Many club members also supported the day so that we had nine locos, eight boats and five O/G gauge trains. Well done club members.

The Steam House was operated by Ralph Ollerenshaw, John Weidenhofer, Bernie Dickenson and Austin Stranger.

Canteen was served by Jackie Monteodorisio, Jill Smith, Nicki Mere and Toni Offler. Thank you ladies.

Ticket box was occupied by John Beal assisted by Andrew Christopherson, while John Foster was Duty Safety Officer.

7 1/4" station was manned by Bruce Smith and Grant Tunn with the 5" station operated by John Culshaw assisted by Greg Weaver and John Foster.

Locomotives

71/4" locos	Owner/Operator
0-4-0 De Winton.	Brendon and Cameron Dicker
Club 350.	SASMEE/Arron Winter.
8443 (Steam)	Ian Thomas
5" Locos	Owner/Operator
Scooby Doo	Trevor Hill
Kinjoy Simplex (Steam)	Kingsley Martin
Jack and Junior.	John Monteodorisio/Cameron Dicker
Apprentice.	SASMEE/Rod O'donohoe
Steelcab 233	Michael Moyse
Gresley (Steam)	Bryan Homan

Boats

Name	Owner/Operator
Dragonfly airboat	John Foster
Firefly airboat	Jeff During
Jet boat	Jeff During
Ender Steam launch	Alf Payne
Perkassa MTB	Stan Shelton
Cabin Cruiser	Malcolm Ambler
Tomar Tug	Barry Dunstan

O/G Gauge

Name	Owner/Operator
Thomas	Max Shuard
Ruby (Steam)	Max Shuard
WO GP9	Brad Cottle
Egg Liner	Jack O'donohoe

Post Convention Run Day 7th April 2015-04-12

A great turn up with 46 members and 40 guests from other clubs. Clubs represented were QSMEE, SLSLS, SSME,

Tweed, Logan, WPLS, Campaske Valley, Evandale, LMLSLS, BMES/Roseworthy, CCSM COOP, MVR, Box Hill, Castledare-Perth, Penwood Railroad, SLSV, Bluescope. Those visitors brought 8 Locomotives.

With tea, soup, coffee and cakes/buns available all day and a free lunch of barbecue, sausages, meat patties, and various salad, everyone was well fed.

Locos

H17 475 (Steam)
PB 13 738 (Steam)

Owner

Graeme Kirby
Shane Ferris

3214 (Steam)

David Archibald

4612-4622

David Kirkland

Wombat (Steam)

Barry Olngy

4446 (Steam)

David Xeures

N0. 9 Forney (Steam] Brendon and Cameron

Dicker

Virginian (Steam)

Brad Cottle

T214 (Steam)

Bryan Homan

The O/G gauge track operated with locos by Allan Wallace, Max Shuard, Brad Cottle and John Monteodorisio. These tracks being new since the last convention in SA drew much comment.

Highlight of the day was the presentation of Trophies won at the Convention with SASMEE winning four of the six trophies presented. Winners were:-

Bolton Trophy

Bob Smith

Warner Trophy(Best Owner/Builder)

Graeme Driscoll German V8 5.

Most Popular Loco

Allan Wallace. Black Five 71/4"

SASMEE Prize

John Monteodorisio 351 Diesel Outline

Many guests expressed their appreciation of the SASMEE hospitality and the standard of the grounds.

Public Field day 18th April 2015-04-19

What developed as a cold cloudy day changed to a full down pour about 3-30 pm resulting in early close of rides around 4-PM. With only 200 people attending we were able to get all under cover in the stations and canteen annex so that good spirits abounded all round and members were able to meet more closely with our patrons. Generally a good day, if a little soggy.

The canteen was operated by Jackie Monteodorisio, Nicki Mere, Jill Smith and Margaret Coxon. Thank you ladies. Ticket box was handled by David Hawkins assisted by John Beal and the duty Safety Officer was Greg Weaver. 5" Station was served by Kingsley Martin and John Culshaw with John Lewis and Milton Smith on the 71/4" station. The steam house was very popular but those actually working there were Ralph Ollerenshaw, John Weidenhofer and Bernie Dickenson.

Locomotives

71/4" locos

Dolgoch

Club 351 SASMEE

Owner/Operator

Barry Dunstan

/Ian Foster

5" Locos

Kitson Meyer (Steam)

422 Class

Owner/Operator

Graeme Driscoll

Malcolm Ambler

LNER B1 1088 (Steam)	Terry Trezise
214 (Steam)	Bryan Homan
Jabiru (Steam)	John Monteodorisio
Jack and Junior	John Monteodorisio and/Rod
O'donohoe	
Apprentice SASMEE	Josh Driscoll

Boats

Boat	Owner/Operator
Firefly Airboat	Jeff During
Jetboat	Jeff During
Dragonfly Airboat	John Foster
Waver Rider	John Shelton
Thunderbolt	John Shelton
Twister	John Shelton
Pride of Firth Trawler	Bob Smith
Cranborne Freighter	Bob Smith

O/G Gauge

Locos	Owner/Operator
Egg Liner	Jack O'donohoe
Lil Critter + five wagons	Jack O'donohoe
Western Pacific +5 Freight Wagons.	Brad Cottle
Denver and Rio Grande +6 Coaches.	
Ben Mack and John Monteodorisio	
Ruby	Max Shuard
William	Max Shuard

Public Field Day Sunday 3rd May 2015-05-08.

What a great day. Sunny warm and a great and happy crowd.
We had about 600 paying guests and 43 members with 10

locos, five G Gauge and 12 boats. While queues for rides long everyone appeared happy and no one complained.

Attempts to source alternatives to the Bacchus Marsh char has so far been unsuccessful with Graeme Driscoll, Barry Dunstan and Andrew Mathews trying some black coal donated to SASMEE. Clinker build up in their grates was so severe that steaming was difficult and all had to withdraw from the track late in the day.

John Monteodorisio assisted by Andrew Christopherson worked like one armed paper hangers in the ticket box, David Hawkins was the Duty Safety Officer and Ralph Ollerenshaw, John Weidenhofer and David Eustice kept the boiler fire going in the steam house. Bruce Smith operated the 71/4" station initially assisted by Greg Weaver until the steamers ran into clinker problems and additional carriages had to be attached to the club 351 diesel outline loco to take up the slack necessitating Greg operate as guard. John Culshaw and Len Redway kept things moving at the 5" station. Canteen staff were Jackie Monteodorisio, Margaret Coxon and Toni Offler. Many thanks to all the members helping run the day.

Locomotives

71/4" locos	Owner/Operator
Club 350	SASMEE/Ian
Foster	
Dolgoch (Steam)	Barry Dunstan
EULDUO (Steam)	Andrew Mathews
 5" Locos	 Owner/Operator
Scooby Doo	Trevor Hill
Kinjoy Simplex (Steam)	Kingsley Martin

Schaefer	Jack and Junior.	John Monteodorisio/Jeff
Culshaw	Apprentice.	SASMEE/Josh Driscoll/ John
	Steelcab 233	Michael Moyse
	LMS Black Five (Steam)	Allan Wallis
	Kitson Meyer (Steam)	Graeme Driscoll

G Gauge

Locos

Owner/Operator

RGS 22 +7 Wagons	Peter Hoy
UP9583 + 10 Wagons	Cameron Dicker
Egg Liner	Cameron Dicker
Coal Creek + 3 Passenger Cars	Max Shuard
Thomas+ 2 Passenger Cars	Max Shuard

Boats

Name

Owner/Operator

Dragonfly airboat	John Foster
No. 5	John Foster
Firefly Skimmer	Jeff During
Waterjet	Jeff During
Jetboat	Jeff During
MA7375'	Malcolm Ambler
Cabin Cruiser	Malcolm Ambler
Treglison Freighter	Michael Priest
Waverider	John Shelton
Sea Twister	John Shelton
Thunderbolt	John Shelton
Metina III Tug	Michael Offler

Public Field Day Saturday 15 May 2015-05-08

A very pleasant autumn day, so that a small attendance of only 277 people was surprising. However, that made for a

relaxed day with plenty of rides for all on the 14 locos operating. Eleven boats were operating on the lake along with a pelican for a short time until the pond became a bit too active for him. G Gauge was well represented with Brad Cottle, Max Shuard, Allan Wallace and Jack O'donohoe having equipment operating. Favourite of the children watching was Jack's Kalamazoo complete with operator working furiously.

The Canteen was operated by Jackie Monteodorisio, Jill Smith and Nicki Mere doing great work as usual. The change to Golden North ice creams appears to be a success. The gate was staffed by Trevor Hill assisted by John Beal, Duty Safety Officer was Greg Weaver with John Culshaw, David Hawkins and Ainslie Cuthbertson on the 5" Station and Bruce Smith and Milton Smith on the 7 1/4" station. Ralph Ollerenshaw, John Weidenhofer, Bernie Dickenson and Austin Stranger kept the steam pressure up in the steam house. Many thanks to all helpers.

Boats

Name	Owner/Operator
Dragonfly airboat	John Foster
No. 5	John Foster
Firefly Skimmer	Jeff During
Waterjet	Jeff During
Jetboat	Jeff During
Hanson Bay	Michael Priest
Waverider	John Shelton
Sea Twister	John Shelton
Thunderbolt	John Shelton
Safir Yacht	Allan Saunders
PS Adelaide	Stan Shelton

Locomotives

71/4" locos

Owner/Operator

Dolgoch (Steam)

Barry Dunstan

Tal-Y-Llyn (Steam)

Michael Offler/Ian Foster

Josephine (Steam)

Rob Belton

Highlander Black Five (Steam)

Allan Wallace

D Winton (Steam)

Cameron Dicker

5" Locos

Owner/Operator

Kitson Meyer (Steam)

Graeme Driscoll

422 Class

Malcolm Ambler

214 (Steam)

Bryan Homan

Jabiru (Steam)

John Monteodorisio

Smiley

Ian hand

Detroit-Toledo Ironton

M Moyse

Kingjoy

Kingsley Martin

720

John Mere

O/ G Gauge

DS 621

Jack O'donohoe

Kalamazoo

Jack O'donohoe

Western Pacific 716

Brad Cottle

10-10

Play Day Sunday 31 May 2015

The April General Meeting decided that when a 5th Sunday occurred in any month an opportunity should be taken for a public free play day for members. Sunday 31st May was our first opportunity to try this scheme. Unfortunately, the weather was cold and wet and few members attended with only a couple of trains and only one boatie testing the waters. Those who attended had a good chinwag, many cups of tea and coffee and enjoyed some very pleasant company.

Let us hope the next play day (August 30th) turns on better weather.

Public Field Day Sunday 7th June 2015-06-09

What a day. 769 people through the gate and fifty members present. This attendance is a record and the highest in memory. The day started quietly with small numbers when the gate opened at 1-30 PM but gradually increased so that a long queue still existed at 3PM. Station queues were excessively long with the 71/4 station adding carriages to cater for the crowd. Fortunately, all attending were good humoured and all seemed to enjoy the afternoon even if some asked were we always this crowded.

With the 10 trains drivers were kept at it all afternoon, Fortunately, we had some spare drivers so that some drivers were able to get a break for a well deserved cuppa. The boaties had it easy with seven boats present.

Locomotives

5" Locos

Owner/Operator

Heisler 99 (Steam)

Michael Tingay

Kitson Meyer 99 (Steam)

Graeme Driscoll

720 99 (Steam)

John Mere

Scooby-doo

Trevor Hill

Jack and Junior John and Jackie Monteodorisio

71/4" Locos

Owner/Operator

Dolgoch (Steam)

Barry Dunstan

Koppel (Steam) Bob Nash/Mitchell Templeman

Black Five (Steam)

Allan Wallace

Tal-Y-Llynn (Steam) Michael Offler/Ian Foster

SAR351 SASMEE /David Hawkins/John Beal

Boats.

Owner/operator

Dragonfly airboat

John Foster

No. 5

John Foster

Firefly Skimmer
Waterjet
Cruiser
White Star
Turbo2
Coast Guard

Jeff During
Jeff During
Jeff During
John Shelton
John Shelton
John Shelton

Our Duty Safety Officer was Ralph Ollerenshaw, the ticket office was manned by Mark Coxon assisted by Andrew Christopherson and did these two really have their work cut out. The steam house was manned by John Weidenhofer, Austin Stranger, David Eustice and Bernie Dickenson. Special thanks go to the ladies in the canteen. They ran out of hot dogs, had to cook extra chips and really were flat out all afternoon. Toni Offler, Shirley Mundi, and Nicki Mere please take a well deserved bow.

Public Field Day Saturday 20th June 2015-06-21

A pleasant winters day with bright sunny sky and temperatures around 14⁰C until about 4PM when the cold set in. Forty six members attended with 9 locos, 2 G gauge and 11 boats. We had just over 460 paying members of the through the gate. Interesting with the gate now opening at 1-30 PM we do not seem to get the large queues for people to get in unless of course it is like the 7th June monster day. This current run day we had a steady stream right up to about 3-30PM. There were three birthday parties.

Our duty Safety Officer was Jeff Schaefer, the gate was manned by John Foster assisted by Mark Coxon, The 5" Station was served by John Culshaw, Ainslie Cuthbertson, Trevor Morcom, Len Redway, and Kingsley Martin. Millswood Station on the 71/4" track was managed by Bruce Smith assisted by Josh Driscoll when not acting as Guard on the three carriages behind the club 351 loco.

The canteen was served by Toni Offler, Shirley Mundi, Sue Leslie, Christine Lyas, with Rob Ball donning an apron to cook the chips. Many thanks to all helpers on the day.

Locomotives

71/4" locos

Owner/Operator

Dolgoch (Steam)	Barry Dunstan
351 Diesel Outline SASMEE/	Ina Foster

5"Locos

Owner/Operator

Kitson Meyer 99 (Steam)	Graeme Driscoll
Scooby-doo	Trevor Hill
Jack and Junior. John Monteodorisio/	Jeff Schaefer/ David Hawkins
Smiley	Ian Hand
T214 (Steam)	Bryan Homan
42215	Malcolm Ambler
Juliet (Steam) 31/2" gauge	Allan Wallace

G Gauge

Owner/Operator

William (Steam) 0-6-0	Max Shuard
Elizabeth (Steam) 2-4-0	Max Shuard

Boats.

Owner/operator

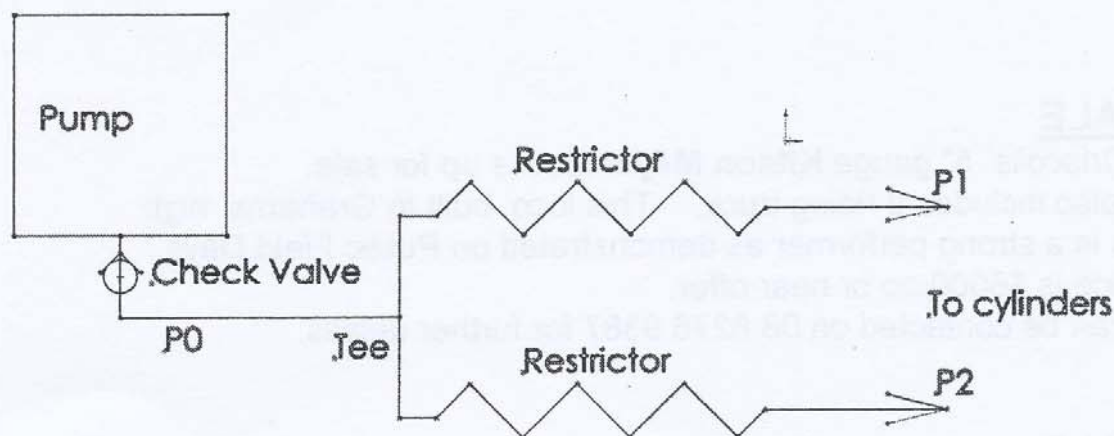
Firefly Skimmer	Jeff During
Waterjet	Jeff During
Jet Boat	Jeff During
Thunderbolt	John Shelton
Anasquan Inlet	John Shelton
Rubber Duck	John Shelton
PS Adelaide (Steam)	Stan Shelton
MV Treglisson	Michael Priest
HMAS Bendigo	Allan Saunders
Airsea Rescue 2507	Michael Offler.

Article by Allan Wallace

The simplest way to accurately split your lubricator feed.

It's a common problem on a steam locomotive with a mechanical lubricator. How can one split the lubricator flow to equally feed two cylinders? On some engines, it's trivial, because the oil can be fed to the main steam pipe before it splits off to the two cylinders, but on many there's a dry header between the superheaters and the cylinders, so two separate oil deliveries are required.

There's a simpler way than building two pumps, or one with a twin plunger, and it relies on a trick of fluid mechanics. In the diagram, the oil is passed through two equal restrictions on its way to the cylinders. With the classical ratchet-driven lubricator, the oil feeds in pulses, and the discussion below applies at the peak of the pulse. At this instant, say the pressure from the pump is P_0 , and the back pressure from the cylinders is P_1 and P_2 . Ideally, the average pressure at the steamchests should be identical, but what if it's not? The oil will tend to favour the path of least backpressure, and starve the one with the higher backpressure. To fix this, all we need do is arrange the restrictions to have a pressure drop significantly larger than any difference between P_1 and P_2 , and from then on the oil flows are relatively insensitive to side-to-side pressure differences. The reason this works is that the oil flows are proportional $P_0 - P_1$ and $P_0 - P_2$, and those quantities don't change much if P_1 and P_2 differ a bit.



The simple way to set up equal restrictions is to use equal lengths of small bore pipe. For any of our locomotives, a few inches of 1/16" OD brass tube is appropriate, as the following data shows. I calculated this for a typical 5" g engine but the answer applies whatever the gauge. In this case, the engine had 120mm diameter wheels running at 8 kph. The lubricator had a 35-tooth ratchet correctly set to advance one tooth per wheel revolution. The lubricator

plunger had a 2mm bore x 6 mm stroke, and each restrictor is 0.9mm bore x 65mm long. The mean oil delivery is about 1.5 mL per km, and at the peak of the "pulse" the speed of the oil through the restrictor pipes is a little over 30 mm/s. This is enough to create a pressure difference of 45 kPa (6.5 psi) along the restriction, which will not affect the oil delivery, but it has made the 50/50 split much less sensitive to differences between P1 and P2.

It's reasonable to ask just how big the P1-P2 difference might be. It depends entirely on the details of the steam pipe plumbing, and differences affecting the steam flow, such as blowby, valve gear imperfections and leakages. In a perfect engine there is no difference on average. However, for the sake of something quantitative, say one steam pipe has an extra flow restriction equivalent to an elbow in the line, that cylinder could be running about 10 kPa (1.5 psi) below the other. This increases the pressure drop over its restrictor, and it would take a little more of the oil, but in practice the affect is negligible when the restrictors above are used.

For readers interested in the technicalities of the viscous restriction, Google "Hagen Poiseuille equation". It shows how the pressure drop is linearly proportional to the flow rate, the length and the viscosity. That's why one makes the tubes of equal length to get the 50/50 split.

So before you go to the trouble of building a twin plunger lubricator, consider using simple physics!

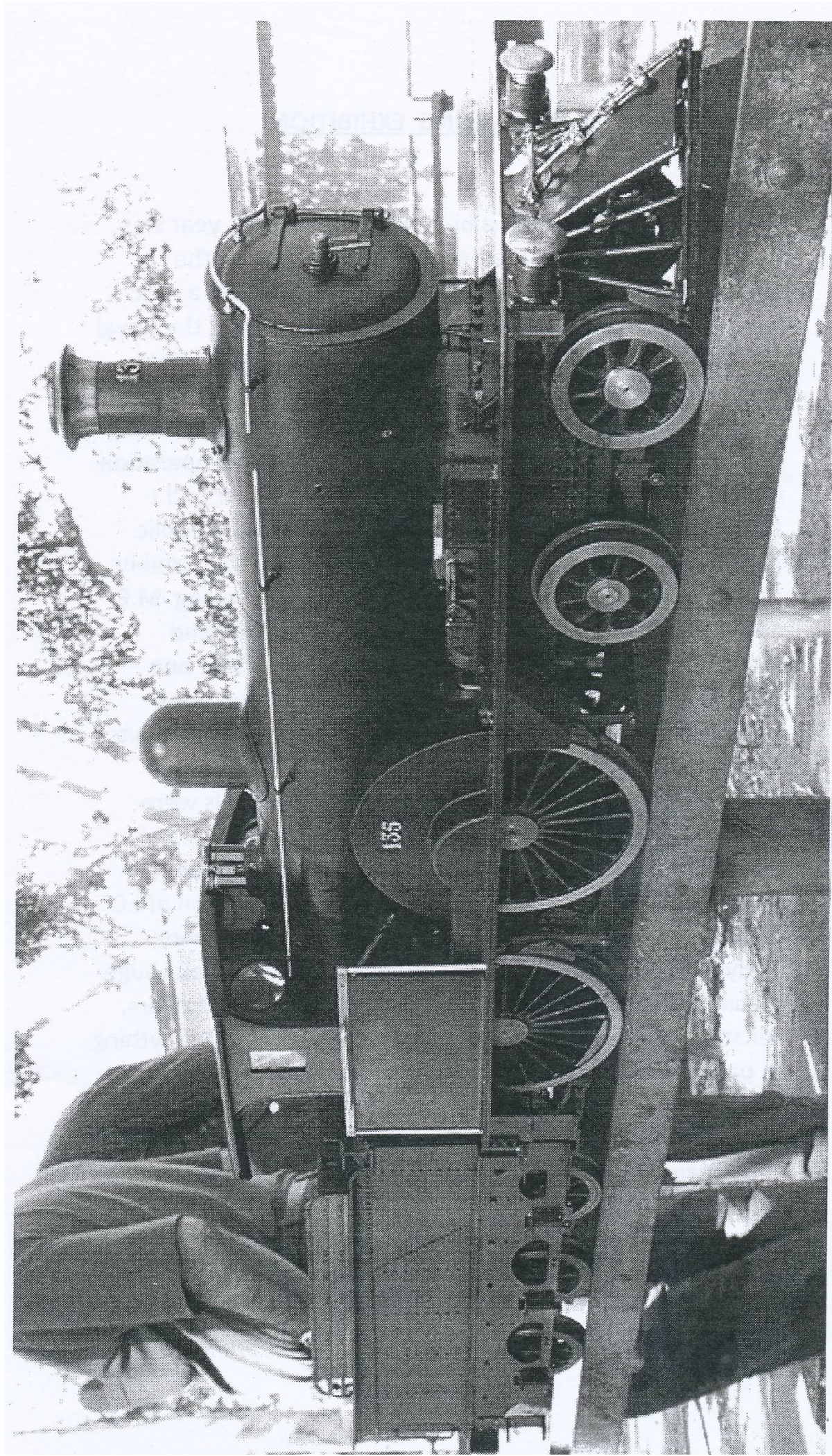
FOR SALE

Graham Driscolls' 5" gauge **Kitson Meyer** loco is up for sale. The sale also includes a riding truck. This loco, built to Grahams' high standards is a strong performer as demonstrated on Public Field Days. Asking price is \$6000.00 or near offer. Graham can be contacted on 08 8276 9387 for further details.

FOR SALE

CIG welder. 240 volt. 15amp. "EASYWELDER"
Rating 30-----140 amps.
Electronic controllability ---- Fan cooled for greater efficiency.

Has had limited use and is still in the original box with the test certificate. In excellent condition. \$100.00
Contact Barry on 08 8248 4843



The above is Claude Miller's S class. The engine was completed together with a new tender by David Thomas of SLSS. The photo was taken at Railway Park, prior to the 2015 Easter convention. The engine performed well at the Convention. [Claude Miller was a founding member of SASMEE 1

BENDIGO MODEL ENGINEERING EXHIBITION.

BY Bill Coles.

The Bendigo exhibition is a bi-annual event. This year was the 11th show. Due to the proposed demolition of the buildings at previous years' shows at Kangaroo Flat a new venue was sort. This was the exhibition Building at the Royal Showgrounds. This is a modern spacious building of two major areas. Both areas were well laid out with trestle tables in the form of squares allowing good movement for viewing and photography. A well- stocked canteen was in operation maintained by a local service group. Jeff Schaefer and I attended with wives. The exhibition is open to the public. As in the past this exhibition covers a wide range of exhibits ranging from individual to large clubs like the Geelong M.E. and even a larger Meccano Club showing. Tooling and workshop equipment suppliers were present where one could stock up from a total range of goodies. Two book sellers were present with hundreds of titles. Many exhibits such as a complete range of Stuart Turner engines were running on compressed air. Self-contained models were powered by battery or small electric motors. A couple of major past exhibitors were not in attendance [Wayne Roberts of Model Engineering Supplies and Allan Fern of I.C. engine demonstrations.] There is something for every - body at these shows. Engines/models of all types, although steam train buffs did not have a great number, but boilers, for stationary engines were in number, models of everything in partial built conditions, table top loco layouts, aeroplane kits, plans, agricultural models of ploughs, tractors etc. Tables with bits and pieces of valves, screws, tool bits and the list goes on. A number of exhibitors and partners had an organised dinner at the local RSL club on the Saturday evening.

To high-light a few of the impressive features of the weekend would be the presentation of the DNC SYSTEM TECHNOLOGIES. They normally present in table layout format. However this year featured a 36 foot long fully enclosed trailer, walk-in corridor of shelving fully stocked with his complete range of electric drivers and associated components. Needless to say this trailer was parked adjacent to the main public entry. It had live-in facilities. A detailed demonstration was by Eccentric Engineering. The makers of the Diamond Tool Holder. He was demonstrating his pantograph tooling kit which with jigs/fixtures gives one the ability to sharpen both rotary and solid tool bits on a kitted – out bench grinder. [typical work shop size.] Kit comes with partial processed items which require finishing. A well - documented hand book is provided. This demonstration created a lot of interest.

There were three IC engines running on both days for the crowd. Barry from Wodonga had both his BR2 Bentley running and his just completed AVRO V8. [1918 vintage] This engine , entirely scratch built from photo graphs over five years starts with one swing of its four bladed prop. It idles at around 400 rpm and pulls up to some 2500. It sound is something to remember. Pretty scary but a credit to its builder. The crowd were impressed. His Br2 never missed a beat. My Cirrus started up every time and ran on demand. I also displayed my partially completed AERONCA flat twin. Also a crowd puller was the 1/5th scale version of a Tiger Tank by Gerard Dean. Winner of a gold medal at the last M. E. exhibition one cannot but be impressed by its features. The first class Exhibition concluded on Sunday afternoon. Pretty good considering the **Bendigo Club has only 8 members.**

SASMEE OFFICE BEARERS AND COMMITTEE FOR THE PERIOD 2014 - 2015

President: John Monteodorisio 0409838494 or 8276 4675

Vice President: John Foster. 0419810478 or 8336 3319

Secretary: Ian Foster. 8381 3030

Minute Secretary: David Hawkins. 8371 1350

Treasurer: Mark Coxon. 8277 3763

Assist Treasurer: Ralph Ollerenshaw . 8379 0998

Committee:

John Beal. 8297 2314

Michael Offler. 8276 2360

Boiler Inspectors:

Bryan Homann. 8390 1925

John Monteodorisio. 8276 4675

Canteen Management:

John & Jackie Monteodorisio.

Library:

John Davey & Bill Coles.

Auditors: Michael Moyse, Graham Gaetjens.

Patron: Lachlan Cline, Mayor of Unley City.

Vice Patron: Bernie Dickinson. BA CPEng. FIE Aust. FI Mar. EST.

SASMEE Bulletin: Editor, Bill Coles, 8296 2167,

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